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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/695,327

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EXAMINER

VO, QUANG N

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief	Application No. 10/695,327	Applicant(s) HUANG ET AL.
	Examiner QUANG N. VO	Art Unit 2625

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 19 October 2011 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
 b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
 (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
 (b) ☐ They raise the issue of new matter (see NOTE below);
 (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
 5. ☐ Applicant's reply has overcome the following rejection(s): _____.
 6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
 7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
 The status of the claim(s) is (or will be) as follows:
 Claim(s) allowed: _____.
 Claim(s) objected to: _____.
 Claim(s) rejected: 1-4,6-13 and 18-30.
 Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
 9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
 10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
 12. ☐ Note the attached Information *Disclosure Statement(s)*. (PTO/SB/08) Paper No(s). _____
 13. ☐ Other: _____.

/David K Moore/ Supervisory Patent Examiner, Art Unit 2625	/QUANG N. VO/ Examiner, Art Unit 2625
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Continuation of 11. does NOT place the application in condition for allowance because: Regarding claim 1, applicant's argument is no motivation to combine Hajjahmad and Accad.

In response: Hajjahmad and Accad both invention are to reconstruct image data to have full color level, Abstracts; both inventions process image data by transforming and inverse transforming image data at pixel level. Although the transformation may be different type, but they are the same endeavor for recovery image data to full color level.

Regarding claim 1, applicant's argument is the combination of Accad and Hajjahmad is inappropriate.

In response: Hajjahmad differs from claim 1 in that he does not explicitly disclose decreasing the full color level of the color element by reducing a number of bits of the full color level of the color element to form a reduced color level image, and wherein decreasing the full color level causes the image noise to be substantially removed from scanned image, wherein the number of bits reduced from the full color level corresponds to an image noise level associated with scanning the image.

Accad discloses decreasing the full color level of the color element by reducing a number of bits of the full color level of the color element to form a reduced color level image (e.g., the transformed image data is then pixel-wise thresholded using a dither array so that the image data is reduced to a smaller number of bits per pixel per component, for example to 4 or 2 bits per pixel per component, column 8, lines 4-9), wherein the number of bits reduced from the full color level corresponds to an image noise level associated with scanning the image (e.g., it is also desirable to perform bit-rate reduction on a single pixel basis, discarding any spatial compression (noise). It is also desirable to have improved reconstruction techniques that operate on the reduced bit-rate image, maintaining the full intensity resolution of the original image, column 6, lines 49-53. Note: since the bit-rate reduction on a single pixel basis, discarding any spatial compression (noise) and each pixel using a dither array so that the image data is reduced to smaller number of bits (e.g., 4 or 2 bits per pixel. Thus the number of bits reduced from the full color level corresponds to an image noise level associated with scanning the image). Thus Hajjahmad does not have to change transformation technique because Hajjahmad only use the idea of decreasing the full color level of the color element by reducing a number of bits of the full color level of the color element to form a reduced color level image, and wherein decreasing the full color level causes the image noise to be substantially removed from scanned image, wherein the number of bits reduced from the full color level corresponds to an image noise level associated with scanning the image.

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Hajjahmad to include decreasing the color level of the color element by reducing a number of bits of a full color level of the color element to form a reduced color level image, wherein the number of bits reduced from the full color level corresponds to an image noise level associated with scanning the image as taught by Accad. . It would have been obvious to one of ordinary skill in the art at the time of the invention to have modified Hajjahmad by the teaching of Accad to have improved reconstruction techniques that operate on the reduced bit-rate image, maintaining the full intensity resolution of the original image while significantly reducing the processing time required to generate image data for rendering, Accad, column 6, lines 49-53.